

FIG. 1A

2025 RELEASE UNDER E.O. 14176

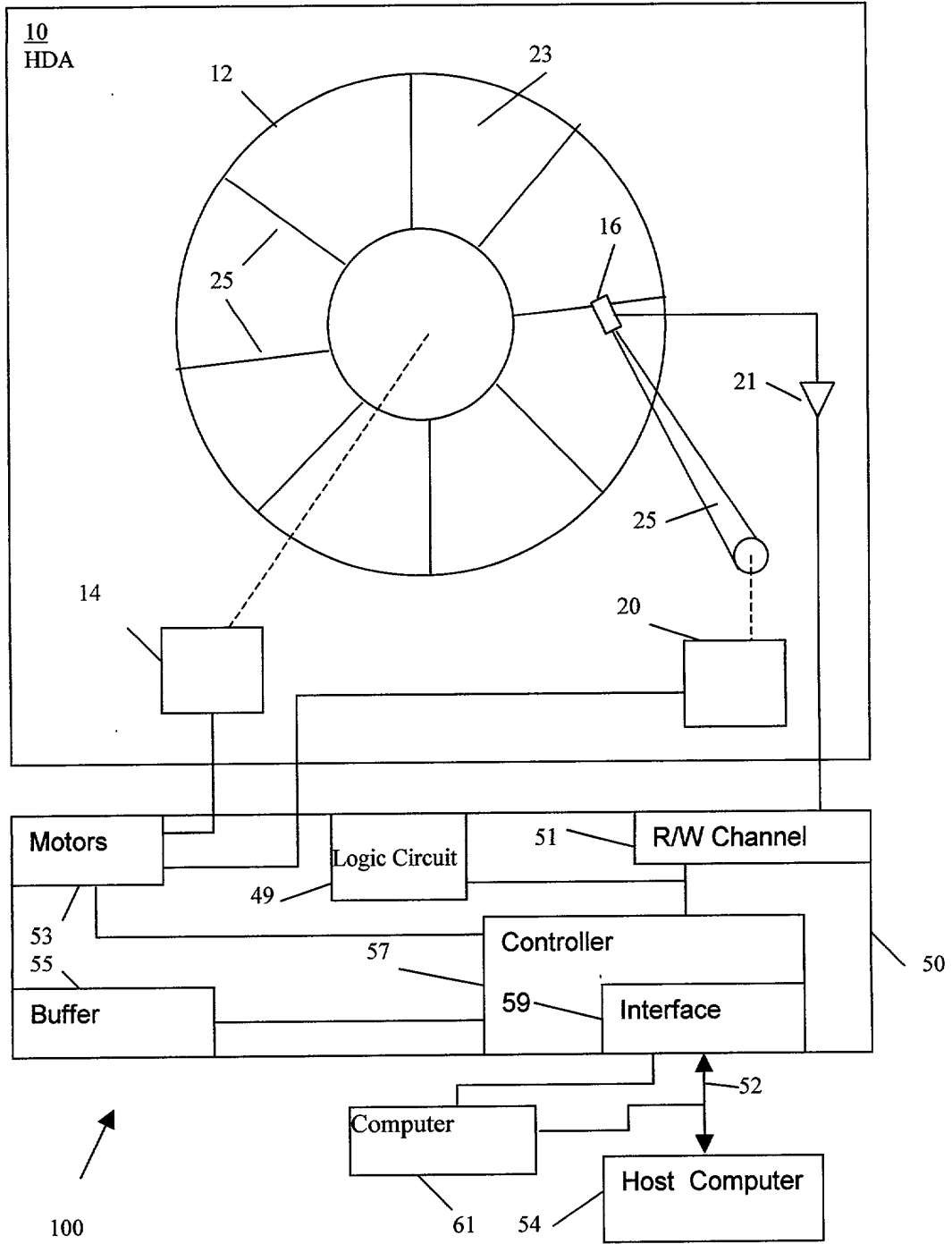


FIG. 1B

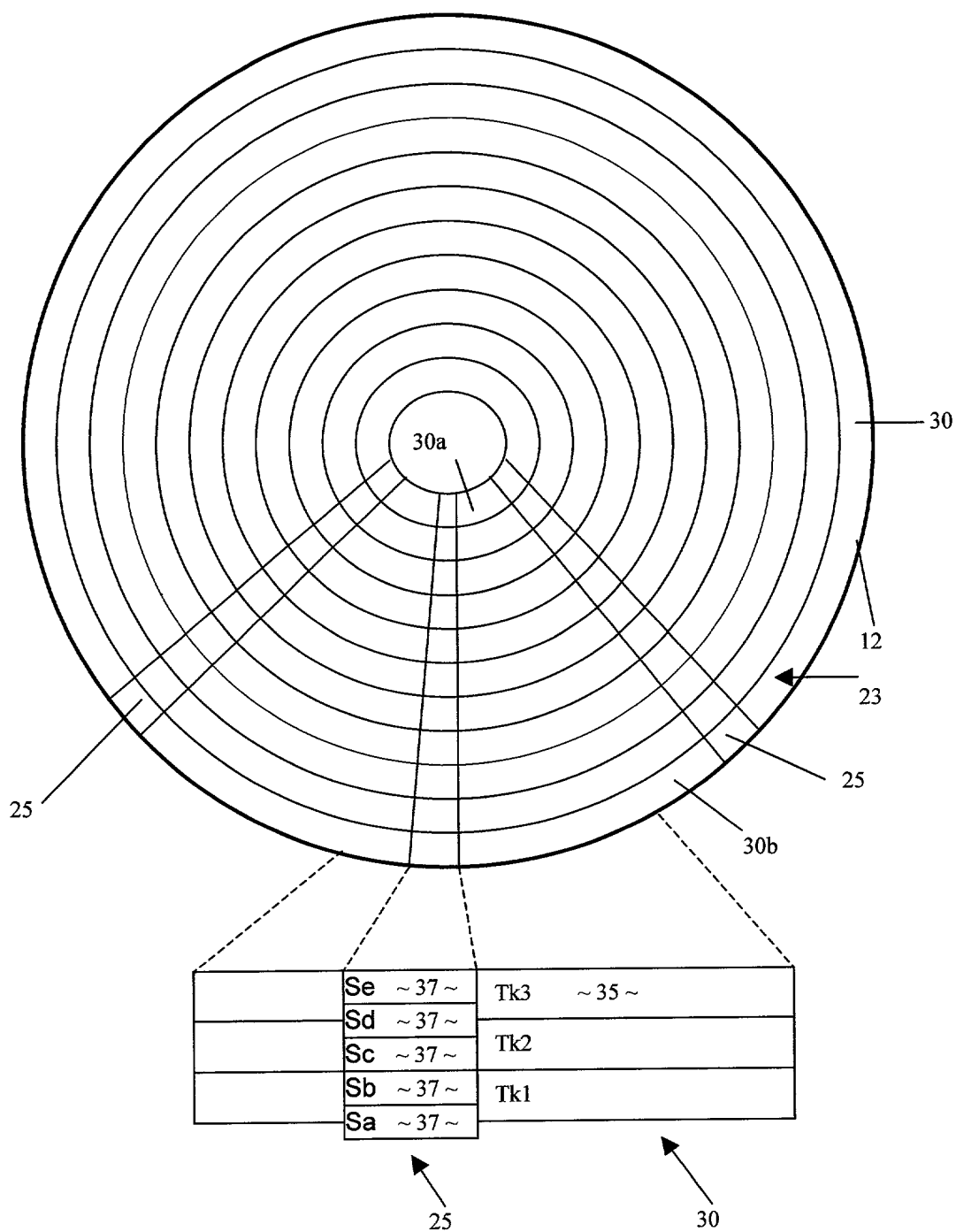


FIG. 1C

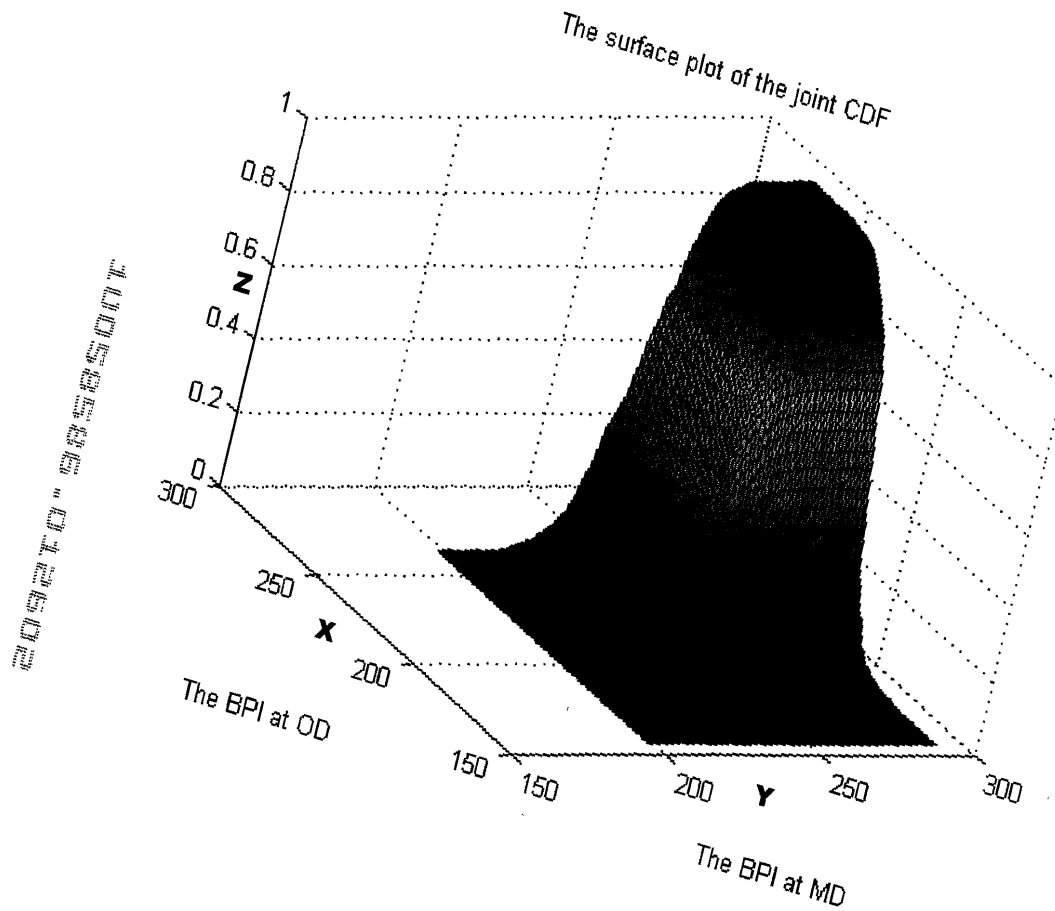
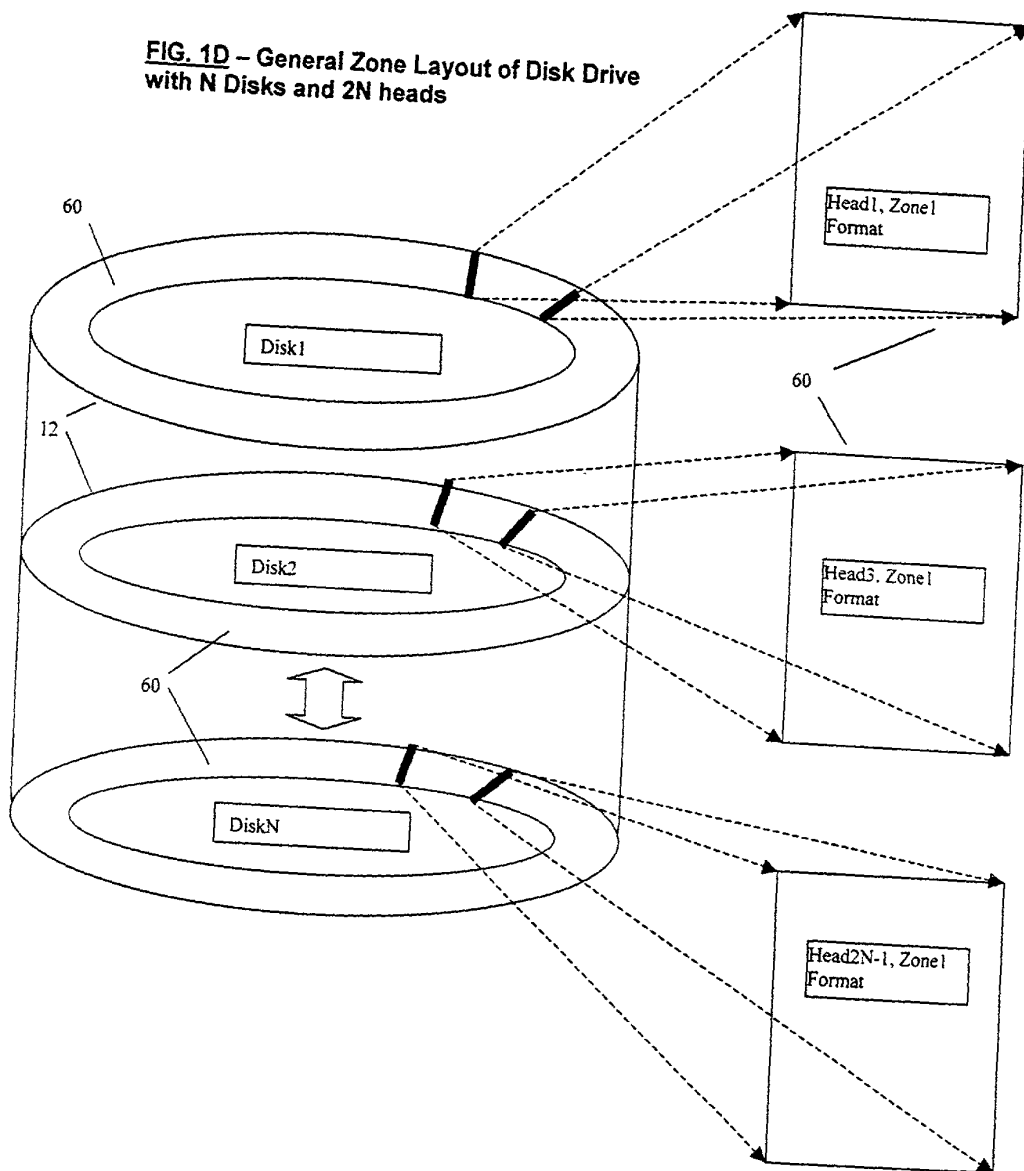


FIG. 2C

FIG. 1D – General Zone Layout of Disk Drive with N Disks and 2N heads



2092710 98525001

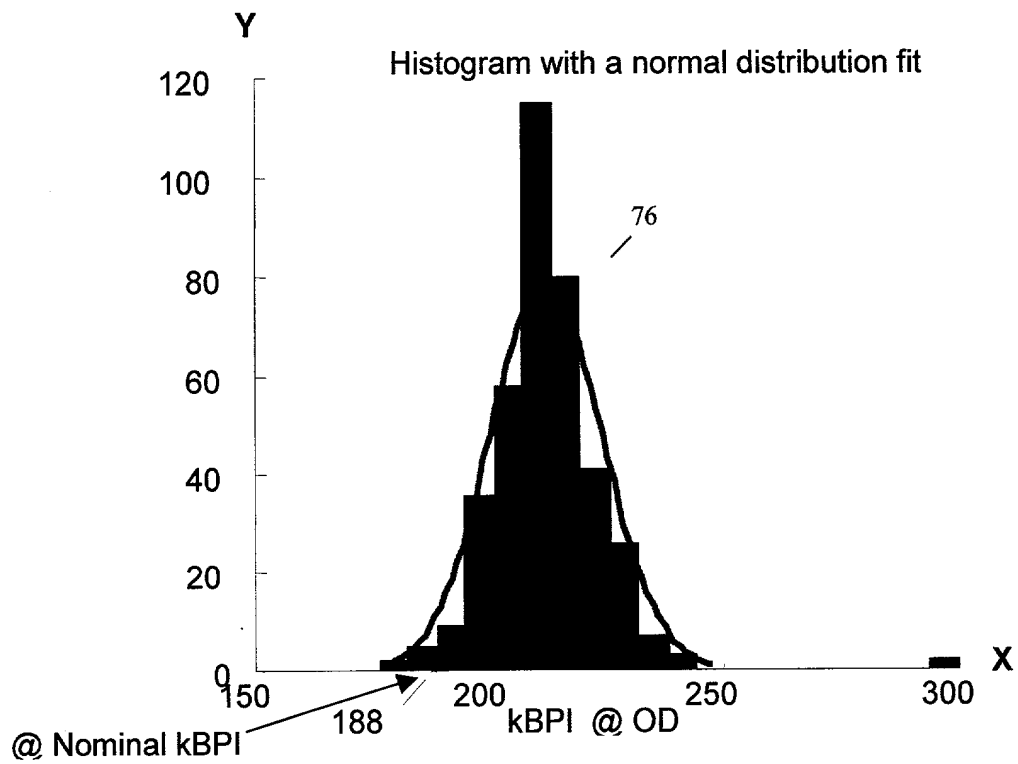
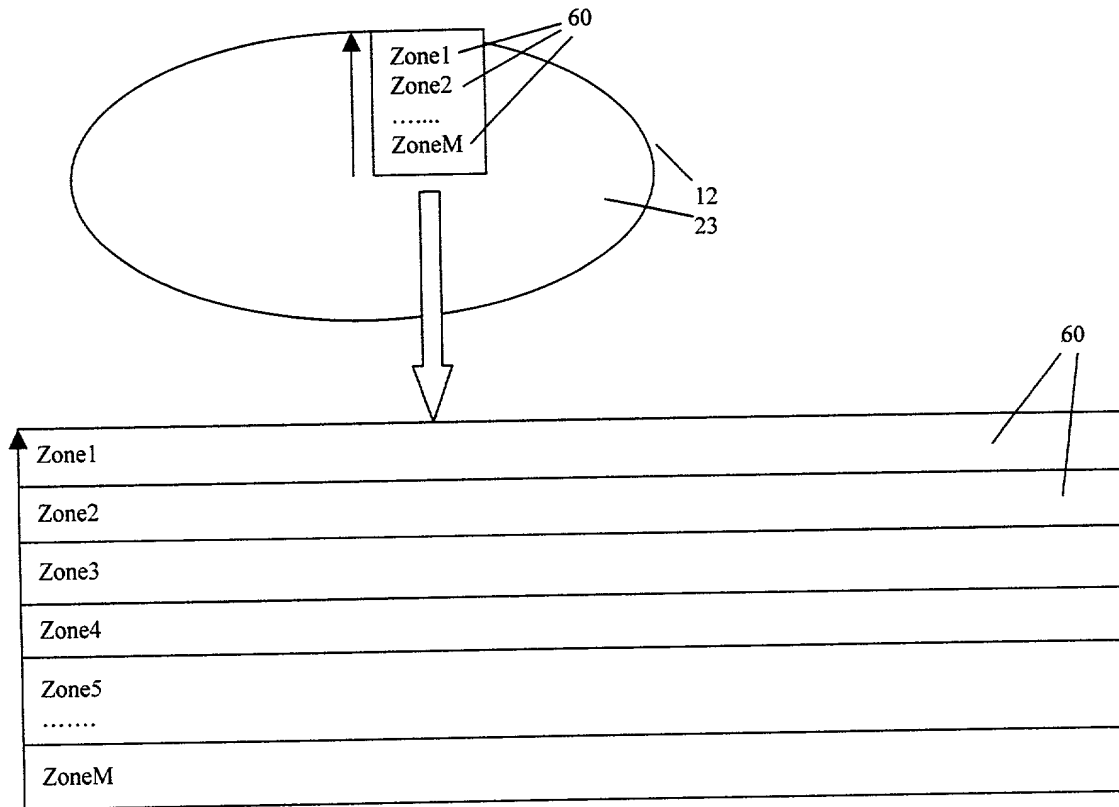


FIG. 2D

FIG. 1E – Capacity Zones for a drive surface



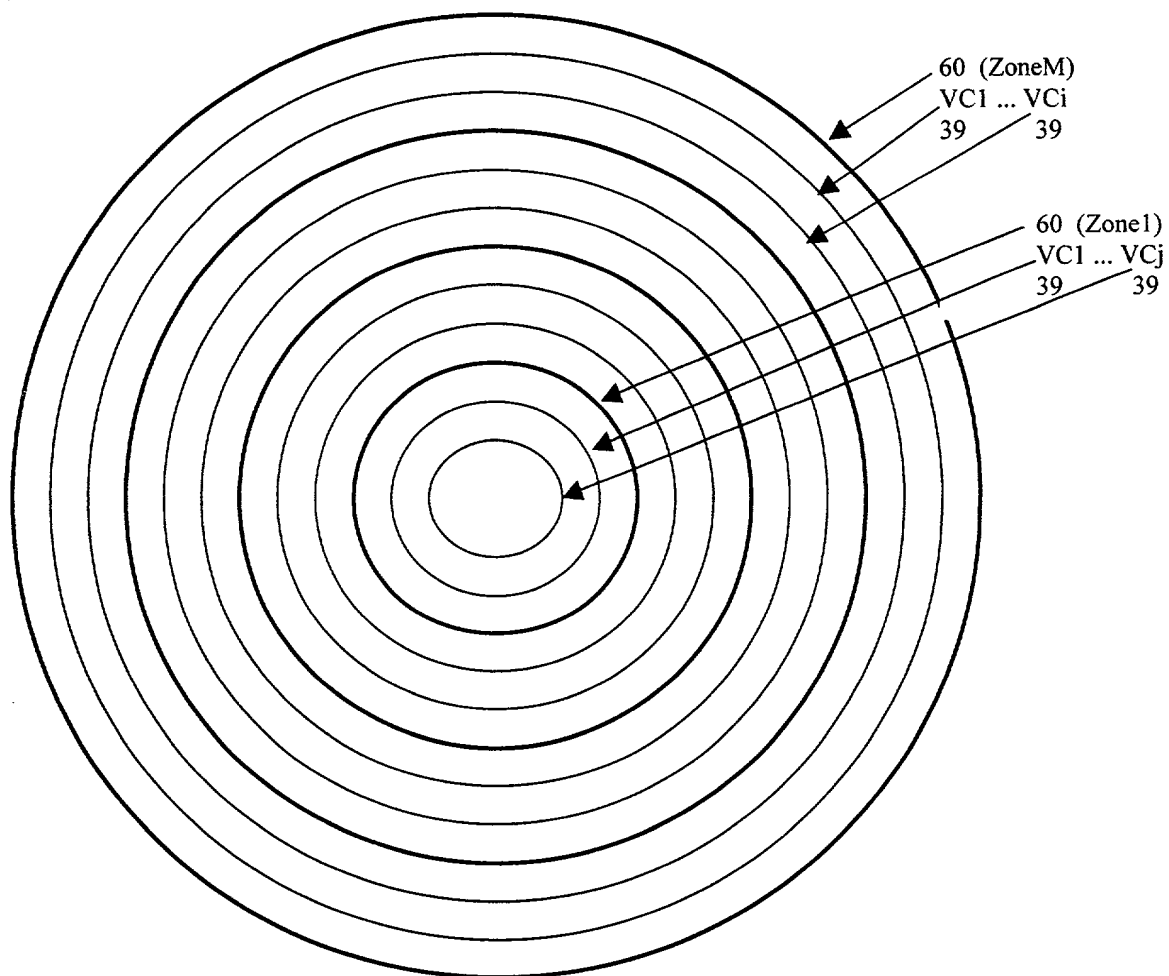
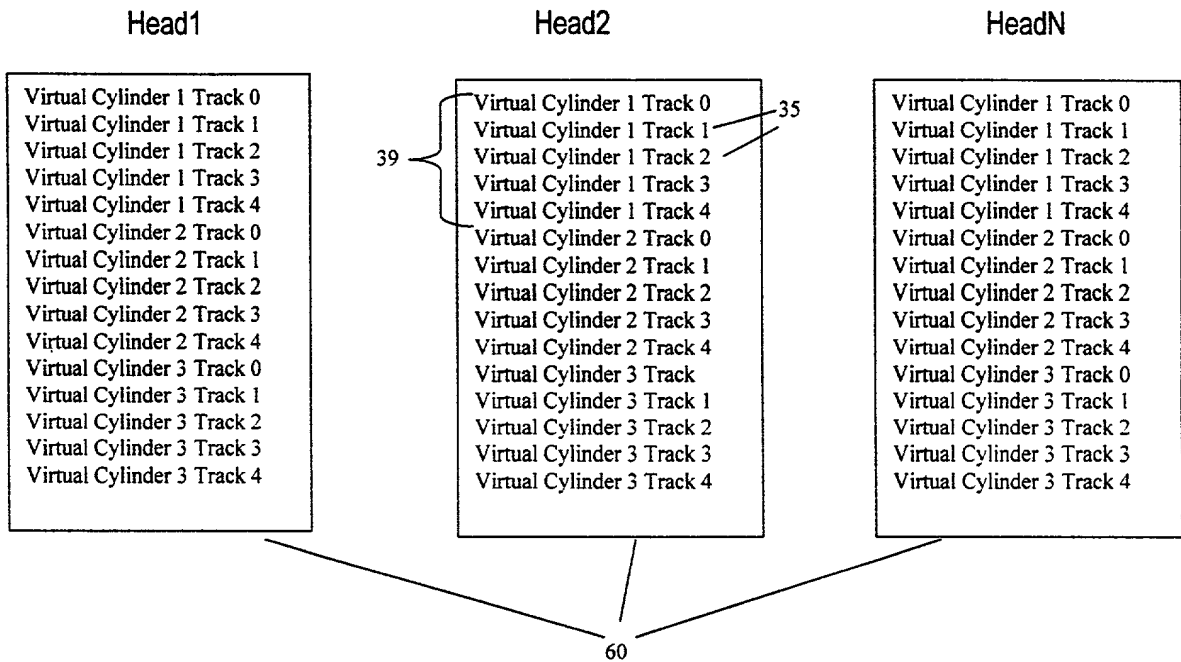


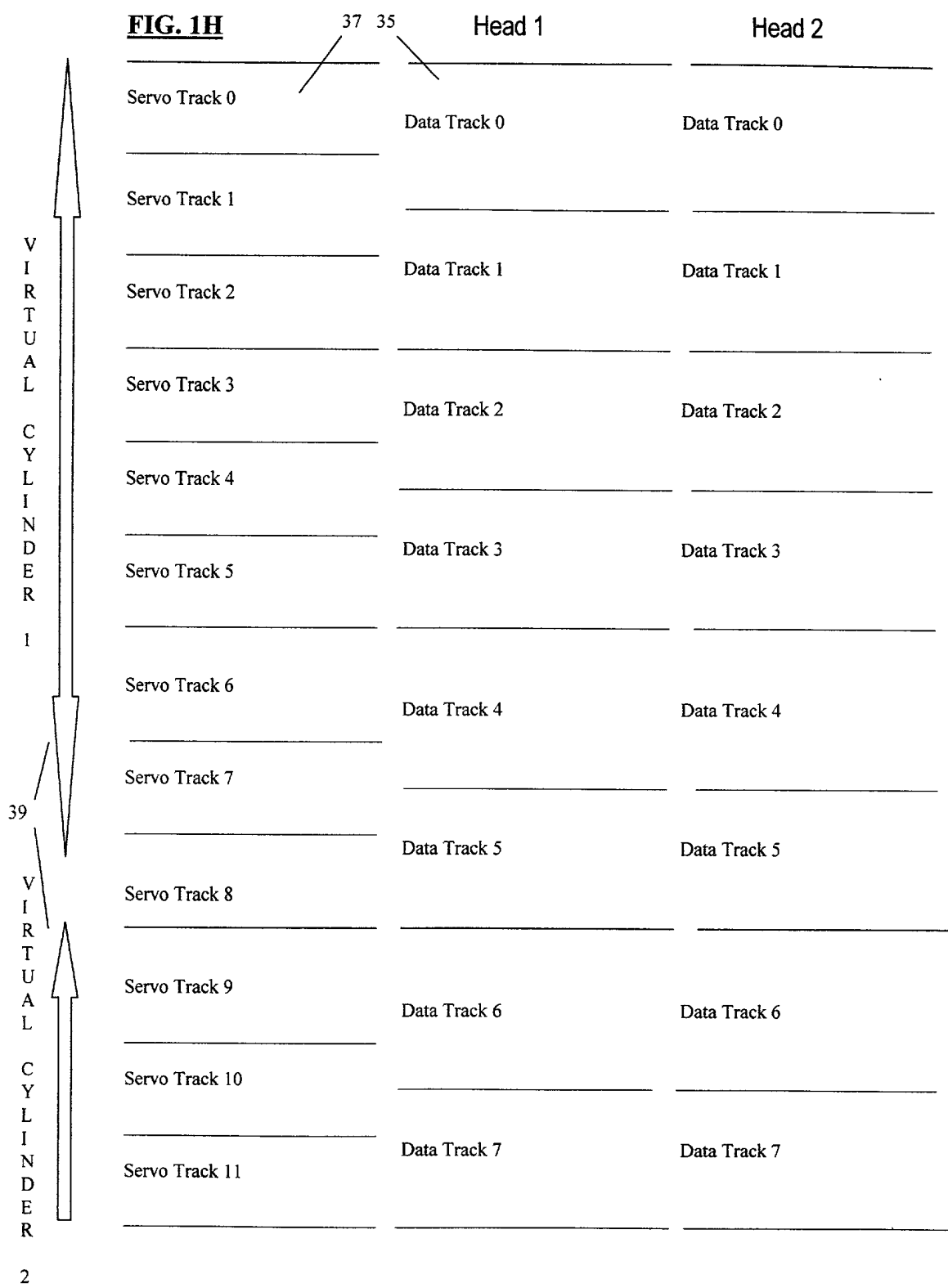
FIG. 1F

FIG. 1G – Data Tracks in Virtual Cylinders in a Zone



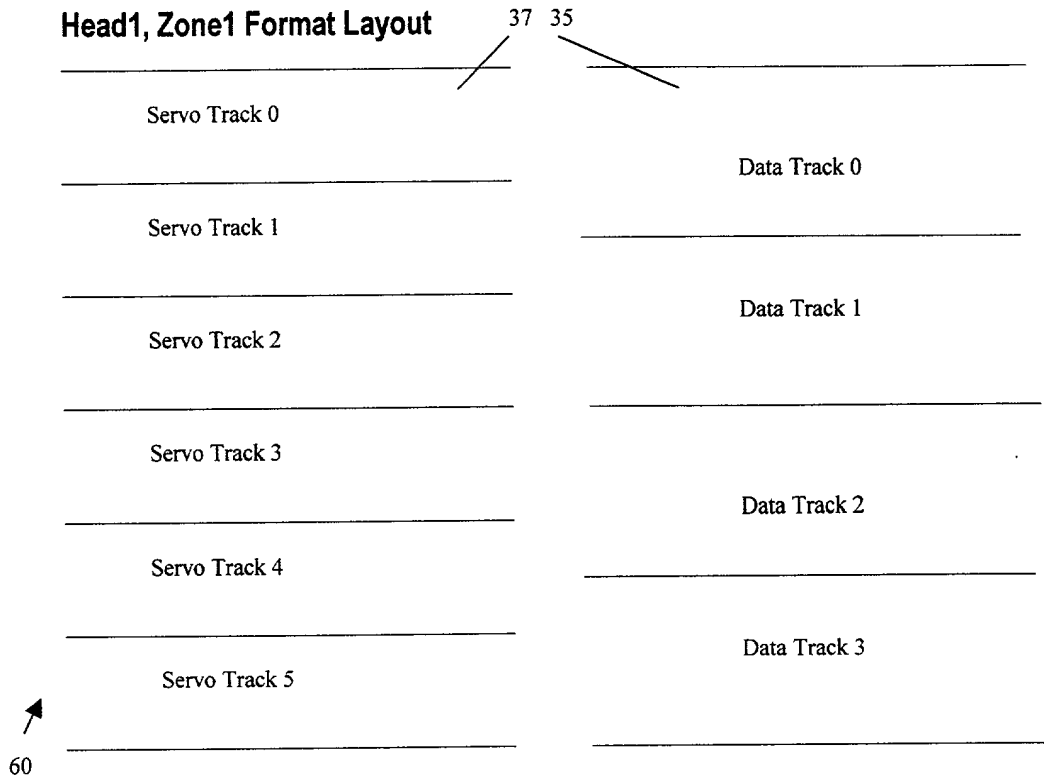
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FIG. 1H



10058586.01200

Head1, Zone1 Format Layout



Head1, ZoneM Format Layout

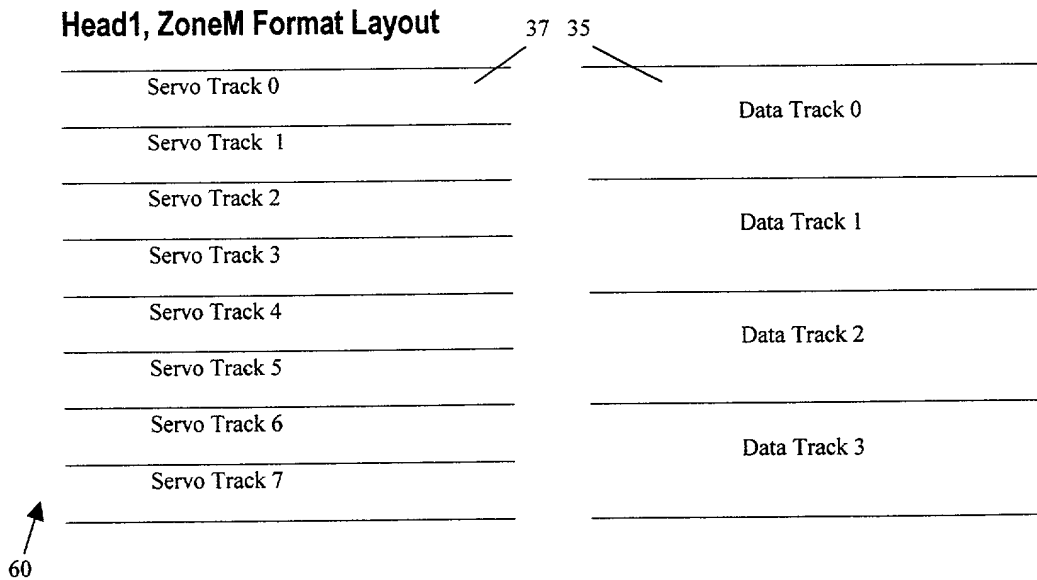


FIG. 11 - Variable Servo Track and Variable Data Track Layout per zone

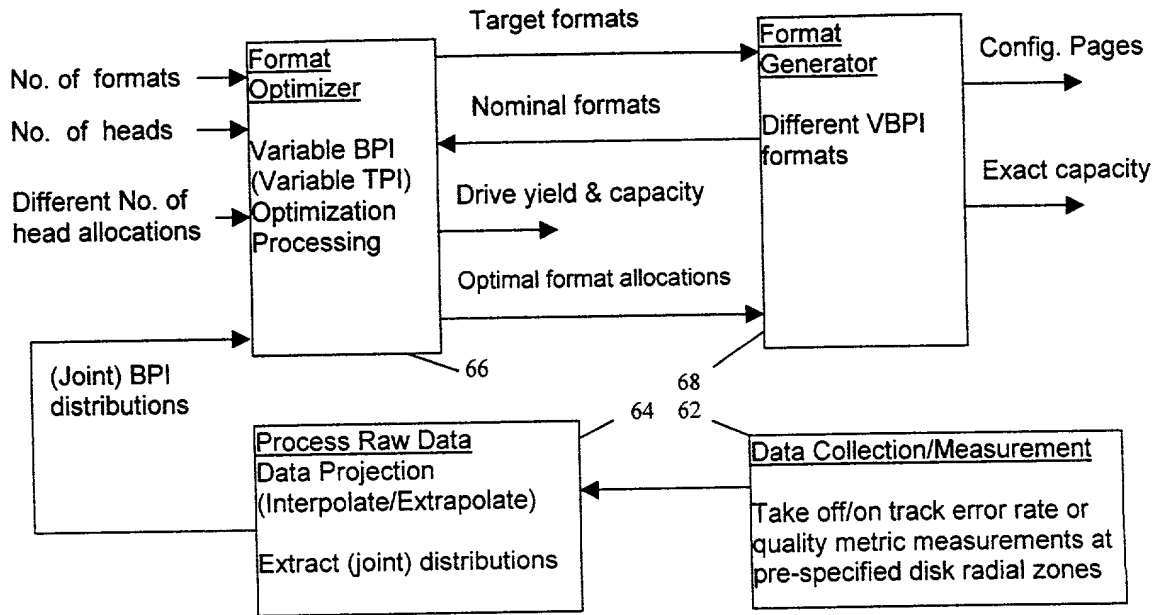


FIG. 2A

200210" 3852500T

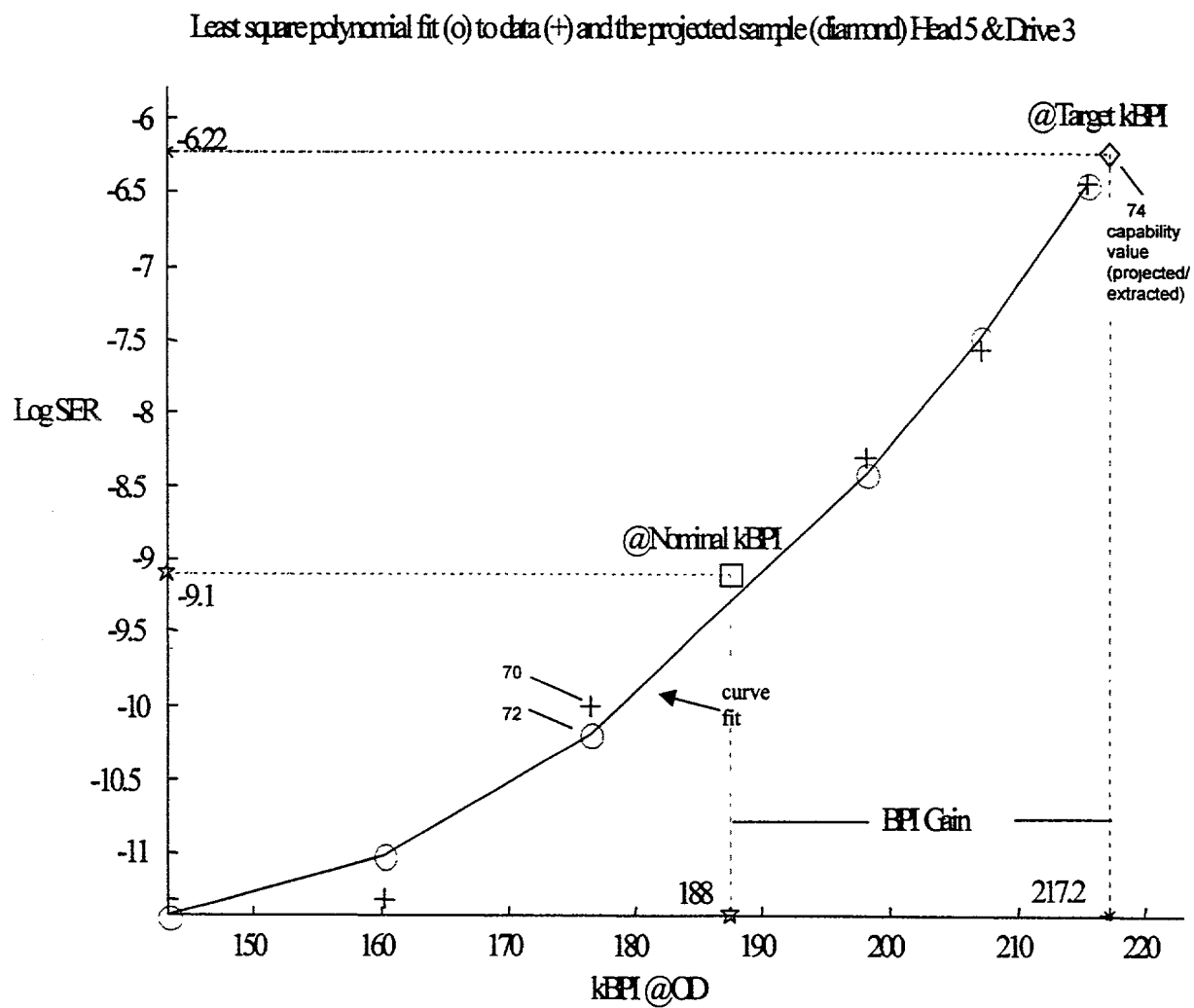


FIG. 2B

Vertical Zoning Data Collection Procedure

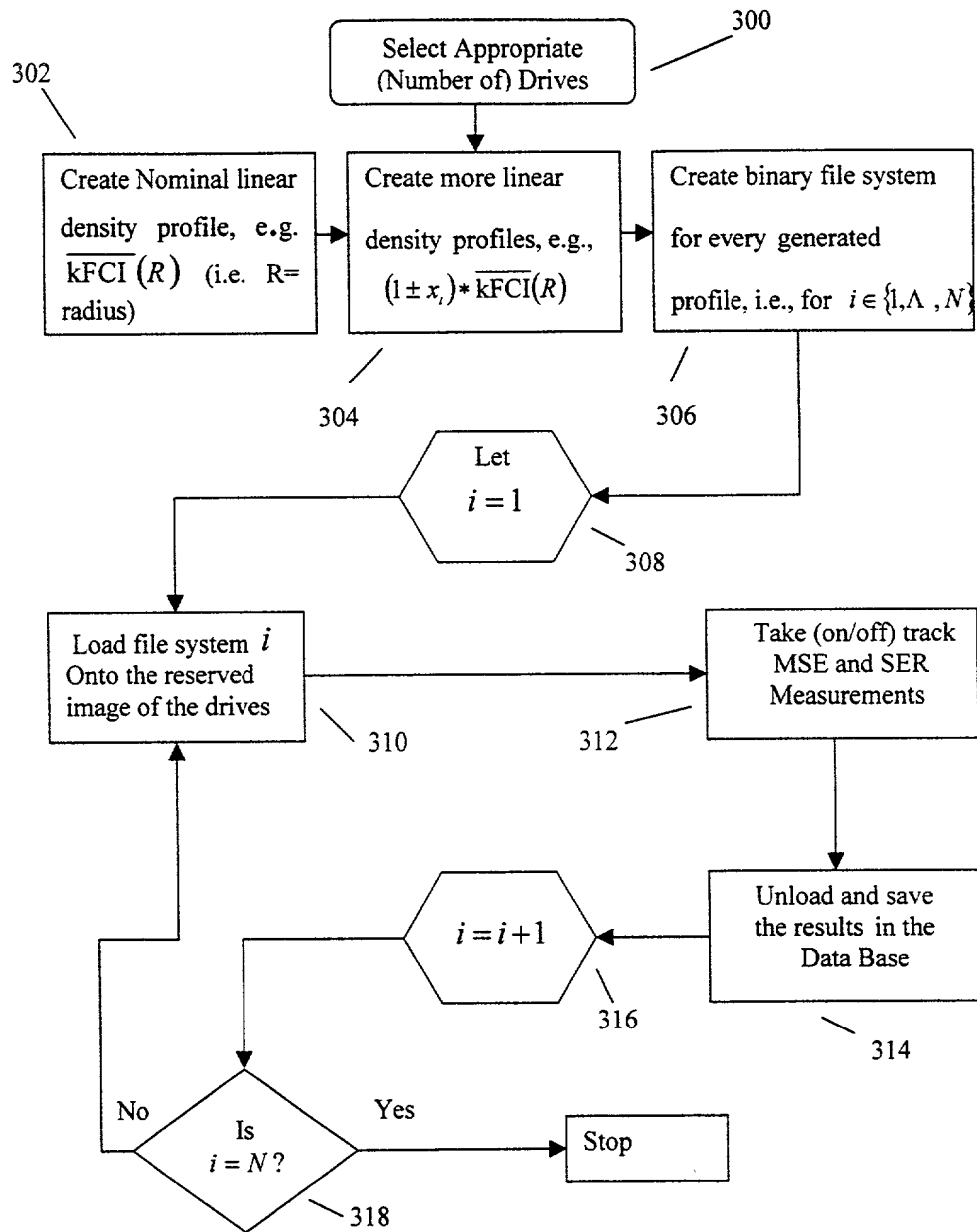


FIG. 3

Vertical Zoning Post-Processing and per zone BPI distribution Extraction

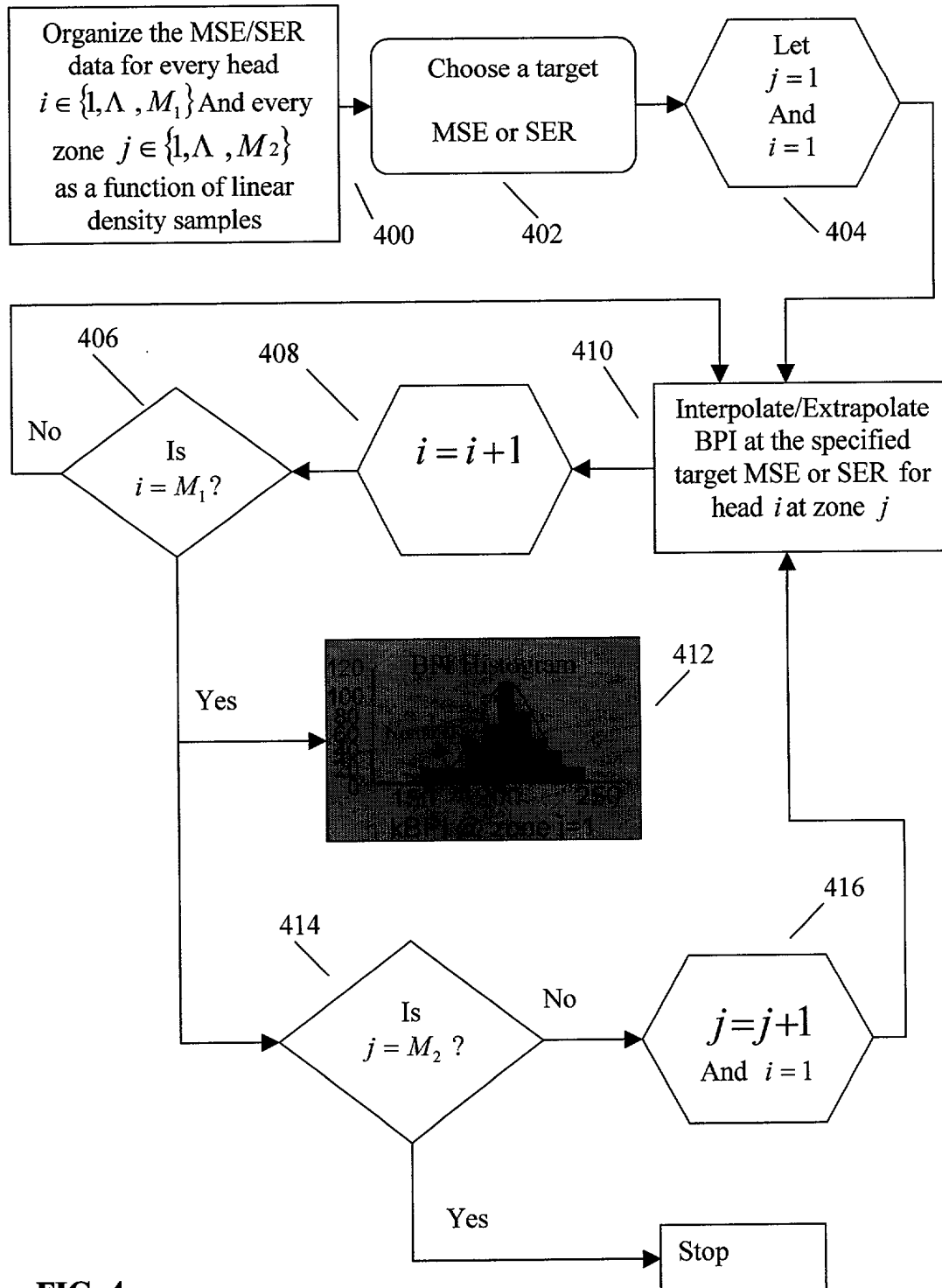


FIG. 4

Head Assignment

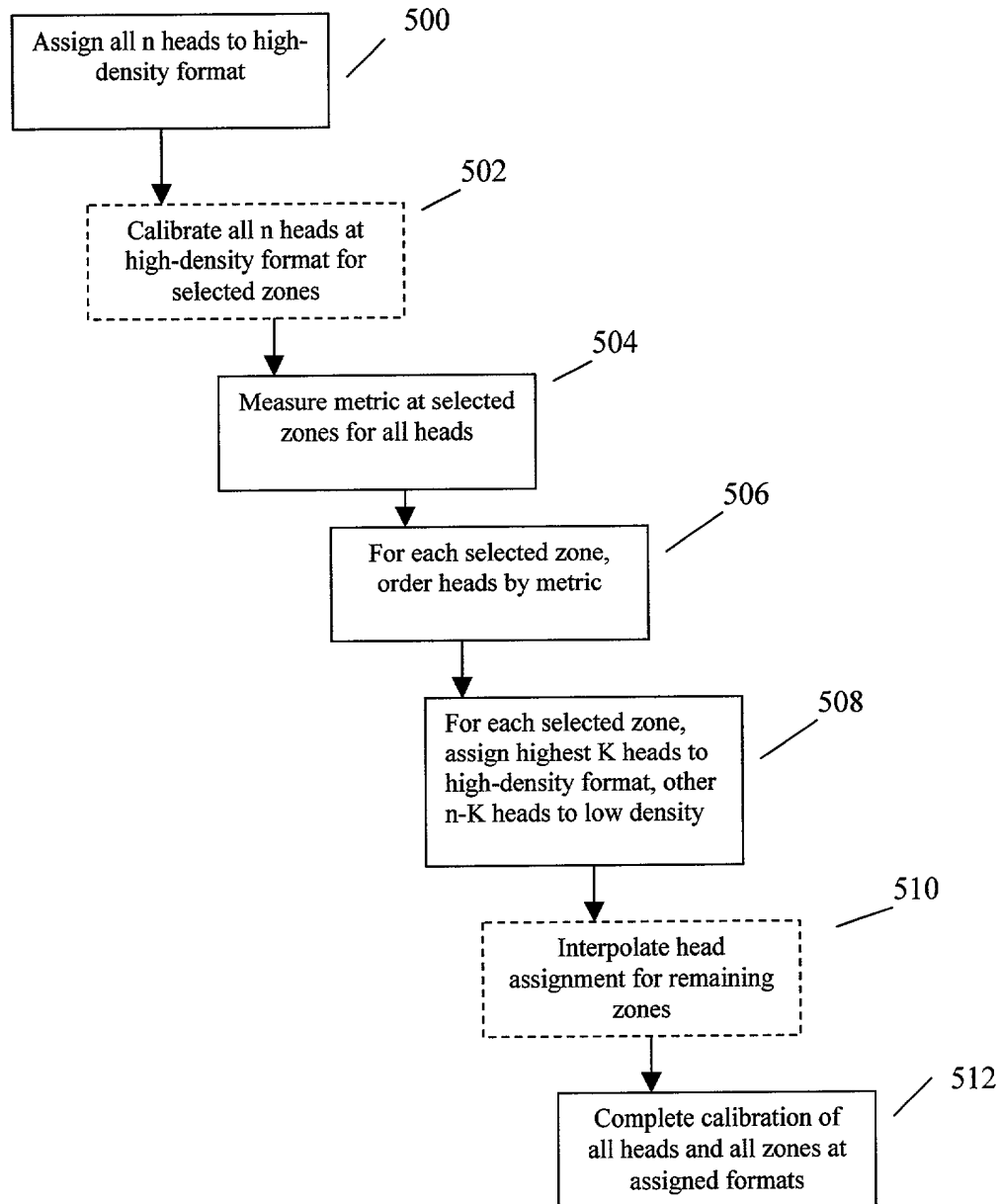


FIG. 5

Format Generator/Format Optimizer Iteration

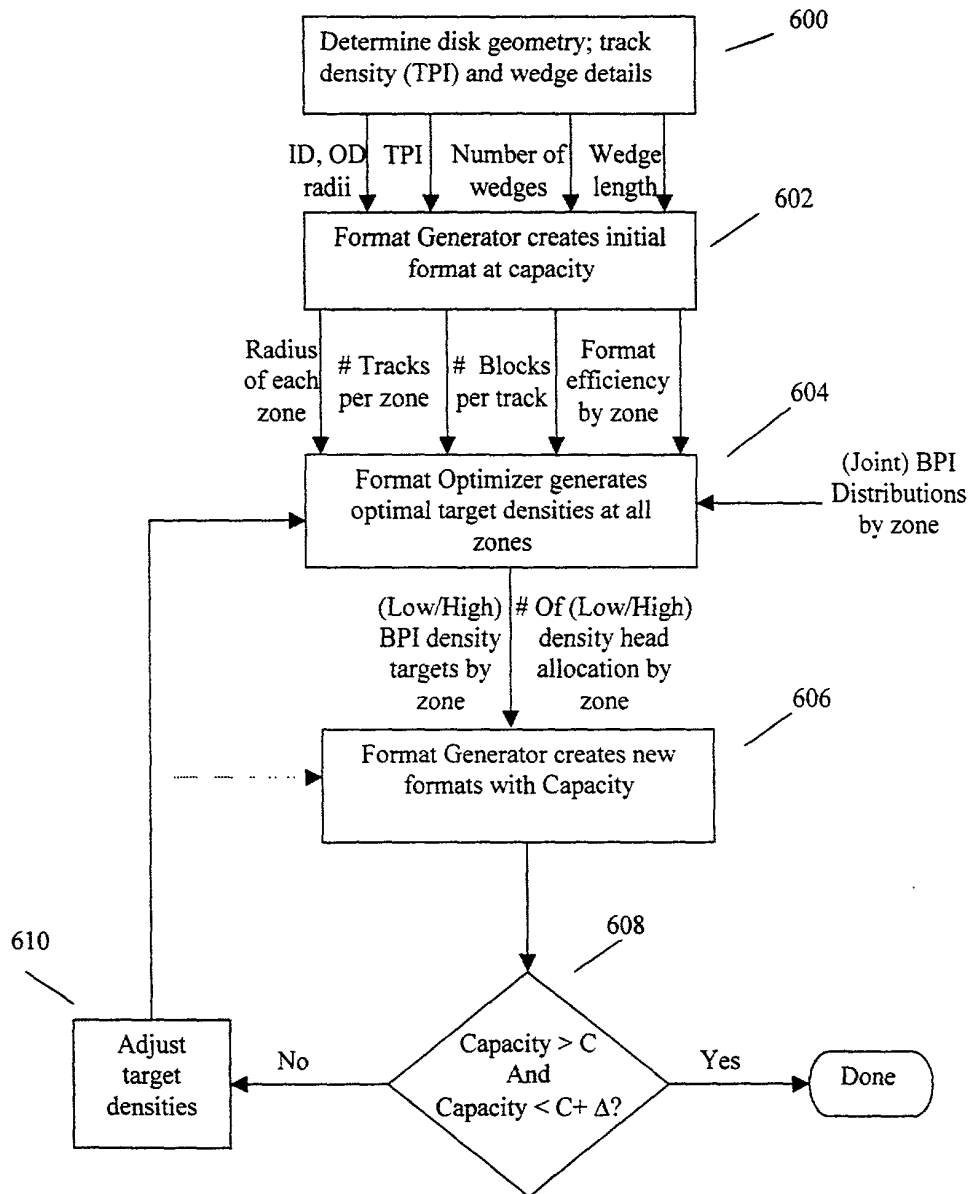


FIG. 6